

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

Water
2 United States
Department of
Agriculture
Soil
Conservation
Service
Boise
Idaho



WATER SUPPLY OUTLOOK FOR IDAHO

in Cooperation with Idaho State Department of Water
Resources, Idaho Soil Conservation Districts, and NOAA,
National Weather Service



June 1, 1984

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Up to 75 percent of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data effecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent as surveyed and marked locations in mountain areas. These measurements are repeated in the same location near the same dates each year. Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Snotel (snow telemetry) networks of automatic snow water equivalent and related data sensing devices, are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. A joint Soil Conservation Service and National Weather Service report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs. This report can be obtained from Soil Conservation Service, National Technical Center, Rm. 510, 511 NW Broadway, Portland, Oregon 97209.

In California, the program is coordinated by the California Department of Water Resources. The Canadian provinces of British Columbia and Alberta have comparable programs.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states.

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mex.)	2490 W. 26th Ave., Diamond Hill, Bldg. A, Denver, Colorado 80211
Idaho	Room 345, 304 N. 8th St., Boise, Idaho 83702
Montana	Room 443, Federal Building, 10 East Babcock, Bozeman, Montana 59715
Nevada	50 S. Virginia Street, P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	Federal Office Building, 100 East B. Street, Casper, Wyoming 82601

WATER SUPPLY OUTLOOK
FOR
IDAHO
and
Federal-State-Private Cooperative Snow Surveys

Issued by
Peter C. Meyers
Chief
Soil Conservation Service
Washington, D. C.

Released by
Stanley N. Hobson
State Conservationist
Soil Conservation Service
Boise, Idaho

In cooperation with
A. Kenneth Dunn
Director
Idaho Department of Water Resources
Boise, Idaho

and
Soil Conservation Districts
NOAA-National Weather Service
Idaho Power Company
FMC Corporation
Washington Water Power Company

Report prepared by
Snow Survey Staff

Gerald A. Beard
Snow Survey Supervisor
Soil Conservation Service
Boise, Idaho

Soil Conservation Service
Snow Survey Office
Rm. 345, 304 No. 8th Street
Boise, Idaho 83702

WATER SUPPLY OUTLOOK for IDAHO



GENERAL SUMMARY FOR JUNE 1, 1984

Cooler than normal temperatures during May delayed snowmelt over much of the state and measurements at a limited number of snow courses near June 1, 1984 indicate that a well above normal snowpack remains in most of the higher elevations. Middle and low elevation snowpacks however, are now depleted or nearing meltout and most basins are now only 15 to 35 percent snow covered. In general, snow line elevations range from near 7000 feet in the Owyhee and Jarbidge Ranges in extreme southern Idaho, 6300 feet to 7500 feet in the central mountains, and 5000 to 5500 feet in the northern Idaho panhandle.

Temperatures averaged well below normal for the entire month of May with only two or three brief warm spells. Precipitation was heavy over the northern two-thirds of the state. Amounts averaged 170 to 180 percent of normal. Southern Idaho was near to a little below normal.

Most streams reached their snowmelt peaks in the last half of May and are now receding. However, flows are expected to remain high for much of June as the higher elevation snowpacks are depleted. Water supplies are expected to be excellent in most areas for the remainder of the irrigation season and the carryover in most reservoirs will probably be above normal next fall.

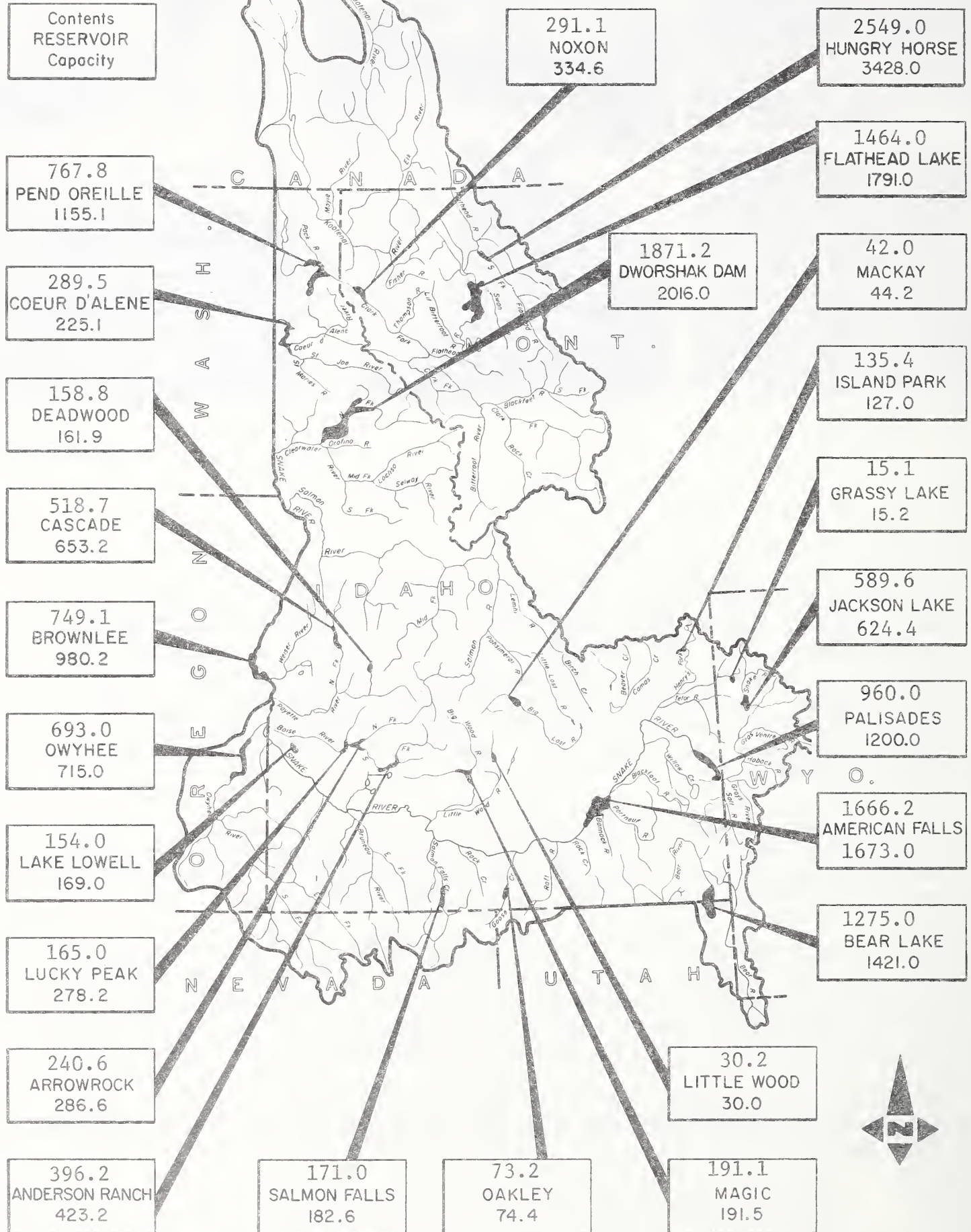
This issue of the Water Supply Outlook bulletin carries the June 1 and supplemental measurements for 1984 and corrections of previously published 1984 data.

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

JUNE 1, 1984

50 0 50 100 150
SCALE IN MILES



SNOW

SNOW COURSE		Elevation	THIS YEAR			PAST RECORD	
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
						Last Year	Average
NAME & DRAINAGE							
Atlanta Summit	Boise	7600	5/29	59	29.0	38.7	19.8*
Atlanta Townsite	Boise	5370	5/29	0	0.0	0.0	--
Banner Summit	Payette	7040	5/29	41	19.6	--	--
Bear Canyon	Big Lost	7900	5/29	6	2.5	11.5	3.6*
Big Creek Summit	Salmon	6580	5/25	68	30.4	30.7	18.6*
Bogus Basin	Payette	6340	5/31	20	10.2	16.2	2.8*
Breezy Saddle	Clearwater	5010	5/30	0	0.0	0.0	--
Coolwater Mountain	Lochsa	6030	5/30	77	31.9	16.7	14.7*
Copper Basin	Big Lost	7640	5/29	0	0.0	0.0	0.8*
Cozy Cove	Deadwood	5380	5/29	0	0.0	0.0	--
Crater Meadows	Clearwater	5960	5/30	79	38.5	26.4	29.8*
Deadwood Airstrip	Deadwood	5360	5/29	0	0.0	0.0	--
Deadwood Summit	Deadwood	6860	5/29	67	33.4	40.1	23.7
Dollarhide Summit	Big Wood	8420	5/29	40	18.8	29.6	--
Elk Butte	Clearwater	5550	5/31	31	13.0	6.8	8.9*
Galena	Big Wood	7440	5/30	0	0.0	0.0	1.9*
Galena Summit	Big Wood	8780	5/30	32	14.6	20.0	14.1
Garfield Ranger Sta.	Little Wood	6560	5/29	0	0.0	0.0	--
Goat Lake	Clearwater	6500	5/30	86	38.5	27.4	36.4*
Graham Guard Sta.	Boise	5690	5/29	0	0.0	0.0	--
Graham Ranch	Big Wood	6270	5/30	0	0.0	0.0	--
Granite Peak	St. Joe	6000	5/30	64	25.4	24.6	29.8*
Hemlock Butte	Clearwater	5810	5/30	76	32.1	18.2	29.0*
Hyndman Creek	Big Wood	7440	5/29	0	0.0	--	--
Jackson Peak	Boise	7070	5/29	50	24.3	26.4	10.1*
Lookout	Coeur d'Alene	5140	6/1	18	9.0	2.4	13.3*
Lost Lake	Clearwater	6110	5/30	96	42.1	36.0	43.4*
Lost-Wood Divide	Big Lost	7900	5/29	10	4.2	12.3	8.7*
Mascot Mine	Big Wood	7780	5/29	0	0.0	6.7	1.7*
Moore's Creek Summit	Boise	6100	5/31	36	18.0	24.4	11.2*
Muldoon	Little Wood	6320	5/29	0	0.0	0.0	--
Pine Creek Pass	Teton	6810	6/1	0	0.0	0.0	1.7*
Schweitzer Basin	Pend Oreille	6090	5/31	81	39.9	36.0	--
Schweitzer Bowl	Pend Oreille	4800	5/31	12	5.8	0.0	1.8*
Schweitzer Ridge	Pend Oreille	6200	5/31	81	40.6	30.6	29.9*
Secesh Summit	Payette	6520	5/26	58	26.5	25.8	16.2*
Shanghai Summit	Clearwater	4570	5/30	7	2.7	0.0	--
Squaw Meadow	Payette	5900	5/26	48	25.4	25.1	9.4*
State Line	Teton	6660	6/1	0	0.0	0.0	0.8*
Stickney Mill	Big Lost	7430	5/29	0	0.0	0.0	0.1*
Swede Peak	Little Wood	7640	5/29	0	0.0	2.7	--
Trinity Mountain	Boise	7770	5/29	67	34.1	50.4	25.8*
Vienna Mine	Salmon	8960	5/29	63	29.8	--	28.4*

SUPPLEMENTAL MEASUREMENTS

December 1, 1983

Bruno Creek	Salmon	7920	12/2	22	4.8	--	--
-------------	--------	------	------	----	-----	----	----

December 15, 1983

Kruze Meadow	Clearwater	4780	12/14	14	2.3	3.8	--
Webb Creek	Clearwater	4720	12/14	14	2.4	3.9	--

January 15, 1984

Atlanta Summit	Boise	7600	1/17	66	21.4	25.7	--
Atlanta Townsite	Boise	5370	1/17	38	9.7	9.5	--
Bad Bear	Boise	4940	1/16	38	10.4	9.4	--
Banner Summit	Payette	7040	1/17	53	16.2	--	--
Bogus Basin	Payette	6340	1/16	56	18.0	19.0	--
Bogus Basin Road	Boise	5540	1/16	32	9.8	7.8	--
Crooked Fork	Lochsa	3610	1/12	28	6.8	7.0	--
Fishlake Airstrip	Lochsa	5650	1/17	52	12.6	17.2	--
Galena	Big Wood	7470	1/16	41	11.5	14.6	--
Galena Summit	Big Wood	8780	1/16	48	14.9	16.0	--
Graham Guard Station	Boise	5690	1/17	41	11.0	11.8	--
Graham Ranch	Big Wood	6270	1/16	35	9.4	--	--
Hemlock Butte	Clearwater	5810	1/17	77	20.7	22.2	--
Idaho City Townsite	Boise	4000	1/16	25	6.2	5.1	--
Jackson Peak	Boise	7070	1/17	53	16.4	22.9	--
Kruze Meadow	Clearwater	4780	1/16	18	4.5	--	--

(A) Aerial observation, water content estimated

(b) 1961-80, 20 year average

(e) Snow course data estimated from automated Snotel readings

(*) Estimated 1961-1980 20 year average

1/ Data readings as reported by automated Snotel system

SNOW

SNOW COURSE			THIS YEAR			PAST RECORD	
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches)	
NAME & DRAINAGE	Elevation					Last Year	Average

SUPPLEMENTAL MEASUREMENTS (Continued)

Lolo Pass	Lochsa	5240	1/12	41	10.6	13.7	--
Moores Creek Summit	Boise	6100	1/16	67	22.4	24.0	--
Savage Pass	Lochsa	6170	1/12	37	10.3	14.2	--
Shanghai Summit	Clearwater	4570	1/17	44	10.2	11.2	--
Trinity Mountain	Boise	7770	1/17	72	25.4	31.1	--
Vienna Mine	Salmon	8960	1/17	64	21.1	24.6	--
Webb Creek	Clearwater	4720	1/16	18	4.7	--	--

February 15, 1984

Atlanta Summit	Boise	7600	2/14	80	26.6	32.6	--
Atlanta Townsite	Boise	5370	2/14	43	12.8	13.1	--
Bad Bear	Boise	4940	2/15	47	14.2	13.5	--
Bogus Basin	Payette	6340	2/15	66	23.0	28.5	--
Bogus Basin Road	Boise	5540	2/15	34	11.4	10.6	--
Crooked Fork	Lochsa	3610	2/15	31	8.7	8.8	--
Fishlake Airstrip	Lochsa	5650	2/17	73	19.6	20.8	--
Galena	Big Wood	7440	2/17	56	14.3	18.7	--
Galena Summit	Big Wood	8780	2/17	67	17.6	21.1	--
Graham Guard Station	Boise	5690	2/14	48	13.9	15.5	--
Graham Ranch	Big Wood	6270	2/17	49	12.6	--	--
Hemlock Butte	Clearwater	5810	2/17	90	26.4	27.9	--
Idaho City Townsite	Boise	4000	2/15	28	8.5	6.8	--
Jackson Peak	Boise	7070	2/14	73	21.7	27.9	--
Kruze Meadow	Clearwater	4780	2/15	18	4.9	--	--
Lolo Pass	Lochsa	5240	2/14	57	16.0	17.7	--
Moores Creek Summit	Boise	6100	2/15	85	28.2	32.8	--
Mud Flat	Owyhee	5730	2/15	32	9.5	--	--
Savage Pass	Lochsa	6170	2/14	57	15.4	--	--
Shanghai Summit	Clearwater	4570	2/17	52	13.7	15.0	--
Trinity Mountain	Boise	7770	2/14	92	31.3	39.0	--
Vienna Mine	Salmon	8960	2/14	80	25.2	31.2	--
Webb Creek	Clearwater	4720	2/15	18	4.7	--	--

March 15, 1984

Above Burke	Coeur d'Alene	4100	3/16	37	13.6	15.2	--
Bad Bear	Boise	4940	3/14	42	14.4	14.5	--
Bogus Basin	Payette	6340	3/14	73	26.5	33.7	--
Bogus Basin Road	Boise	5540	3/14	24	8.6	2.0	--
Crooked Fork	Lochsa	3610	3/14	31	9.0	8.3	--
Elk Butte	Clearwater	5550	3/16	88	26.4	27.2	--
Fishlake Airstrip	Lochsa	5650	3/16	93	25.4	27.4	--
Galena	Big Wood	7440	3/15	59	17.4	25.2	--
Galena Summit	Big Wood	8780	3/15	74	22.5	30.6	--
Graham Ranch	Big Wood	6270	3/15	52	14.3	--	--
Hemlock Butte	Clearwater	5810	3/16	117	35.0	35.8	--
Idaho City Townsite	Boise	4000	3/14	16	6.1	1.8	--
Kruze Meadow	Clearwater	4780	3/15	25	6.4	--	--
Lolo Pass	Lochsa	5240	3/14	64	18.5	20.3	--
Lookout	Coeur d'Alene	5140	3/14	73	23.4	29.0	--
Lost Lake	Clearwater	6110	3/16	122	35.1	43.6	--
Moores Creek Summit	Boise	6100	3/14	88	31.2	38.4	--
Pierce Ranger Station	Clearwater	3080	3/15	25	7.5	2.4	--
Prairie	Boise	4800	3/15	24	6.6	0.0	--
Shanghai Summit	Clearwater	4570	3/16	59	17.8	17.4	--
Webb Creek	Clearwater	4720	3/15	24	6.6	--	--

April 15, 1984

Atlanta Summit	Boise	7600	4/13	104	37.0	49.7	--
Atlanta Townsite	Boise	5370	4/13	25	10.3	13.6	--
Bad Bear	Boise	4940	4/16	14	6.0	16.0	--
Bogus Basin	Payette	6340	4/16	85	34.7	49.3	--
Bogus Basin Road	Boise	5540	4/16	0	0.0	--	--
Elk Butte	Clearwater	5550	4/13	93	31.4	28.6	--
Fishlake Airstrip	Lochsa	5650	4/13	92	30.5	30.0	--
Galena	Big Wood	7440	4/16	48	17.1	27.2	--
Galena Summit	Big Wood	8780	4/16	73	26.0	36.0	--
Graham Guard Station	Boise	5690	4/13	45	15.5	18.6	--

(A) Aerial observation, water content estimated

(b) 1961-80, 20 year average

(e) Snow course data estimated from automated Snotel readings

(*) Estimated 1961-1980 20 year average

1/ Data readings as reported by automated Snotel system

SNOW

SNOW COURSE			THIS YEAR			PAST RECORD	
			Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (Inches)	
						Last Year	Average
NAME & DRAINAGE	Elevation						
Graham Ranch	Big Wood	6270	4/16	43	14.9	--	--
Hemlock Butte	Clearwater	5810	4/13	133	42.0	42.6	--
Jackson Peak	Boise	7070	4/13	94	33.6	41.7	--
Kruze Meadow	Clearwater	4780	4/13	37	10.8	--	--
Lolo Pass	Lochsa	5240	4/13	62	20.8	20.9	--
Lookout	Coeur d'Alene	5140	4/16	64	26.2	34.8	--
Lost Lake	Clearwater	6110	4/13	133	46.4	51.4	--
Moore's Creek	Boise	6100	4/16	88	35.2	46.2	--
Pierce Ranger Station	Clearwater	3080	4/12	14	4.7	--	--
Prairie	Boise	4800	4/15	0	0.0	0.0	--
Savage Pass	Lochsa	6170	4/12	71	24.2	23.3	--
Shanghai Summit	Clearwater	4570	4/13	66	21.5	18.4	--
Trinity Mountain	Boise	7770	4/13	116	44.8	58.8	--
Vienna Mine	Salmon	8960	4/13	102	36.6	46.9	--
Webb Creek	Clearwater	4720	4/13	35	10.4	--	--

May 15, 1984

Atlanta Summit	Boise	7600	5/16	82	35.9	50.3	--
Bogus Basin	Payette	6340	5/15	62	31.5	38.2	--
Crater Meadows	Clearwater	5960	5/17	102	42.5	33.7	--
Elk Butte	Clearwater	5550	5/17	64	24.9	20.6	--
Galena	Big Wood	7440	5/14	22	10.6	19.8	--
Galena Summit	Big Wood	8780	5/14	60	24.2	33.6	--
Graham Guard Station	Boise	5690	5/16	0	0.0	4.5	--
Graham Ranch	Big Wood	6270	5/14	9	3.3	11.8	--
Hemlock Butte	Clearwater	5810	5/17	105	40.4	35.1	--
Jackson Peak	Boise	7070	5/16	70	29.9	40.0	--
Lookout	Coeur d'Alene	5140	5/15	45	20.8	25.6	--
Lost Lake	Clearwater	6110	5/17	116	46.6	49.8	--
Moore's Creek Summit	Boise	6100	5/15	68	33.3	39.5	--
Shanghai Summit	Clearwater	4570	5/17	40	14.7	7.8	--
Trinity Mountain	Boise	7770	5/16	92	42.2	61.9	--
Vienna Mine	Salmon	8960	5/16	81	35.4	50.5	--

DELAYED MEASUREMENTS

Atlanta Summit	Boise	7600	1/11	67	21.2	21.2	14.6*
Atlanta Townsite	Boise	5370	1/11	38	10.1	7.8	--
Buck Meadows	Selway	5650	2/2	48	15.1	--	20.1*
Dollarhide Summit	Big Wood	8420	1/11	54	16.9	16.1	11.6*
Graham Guard Station	Boise	5690	1/11	42	11.2	10.7	6.7*
Road Creek	Boise	5380	1/11	32	8.4	6.2	4.6*
Sawmill Canyon	Little Lost	7000	1/9	24	5.0	5.8	3.6*
Trinity Mountain	Boise	7770	1/11	70	24.2	26.6	18.5*
Vienna Mine	Salmon	8960	1/11	65	20.1	19.2	15.0*

CORRECTIONS TO PREVIOUSLY PUBLISHED 1984 DATA

Bostetter Ranger Sta.	Trapper	7500	4/5	83	33.1	21.8	20.0
Toponce	Portneuf	6160	2/1	40	14.0	--	--

CORRECTED DATA TO ESTIMATED READINGS MADE FROM SNOTEL 1984

Copper Basin	Big Lost	7640	1/11	--	3.8	7.5	3.7*
Lost Wood Divide	Big Lost	7900	1/1	--	12.0	14.2	10.5*
Stickney Mill	Big Lost	7430	1/1	--	5.8	7.2	3.0*

SNOTEL ^{1/}

Data Site Name	Drainage	Date	Pillow Snow Water Equivalent (inches)	Precipitation Water Year (Accumulation) (inches)
Atlanta Summit	Boise	6/1	23.0	44.0
Banner Summit	Payette	6/1	16.0	40.9
Base Camp	Upper Snake	6/1	0.0	27.7
Bear Basin	Little Salmon	6/1	4.4	37.5
Bear Canyon	Big Lost	6/1	0.0	25.9
Bear Creek	Jarbridge	6/1	22.5	43.4
Bear Mountain	Clark Fork	6/1	35.3	69.0

(A) Aerial observation, water content estimated

(b) 1961-80, 20 year average

(e) Snow course data estimated from automated Snotel readings

(*) Estimated 1961-1980 20 year average

^{1/} Data readings as reported by automated Snotel system

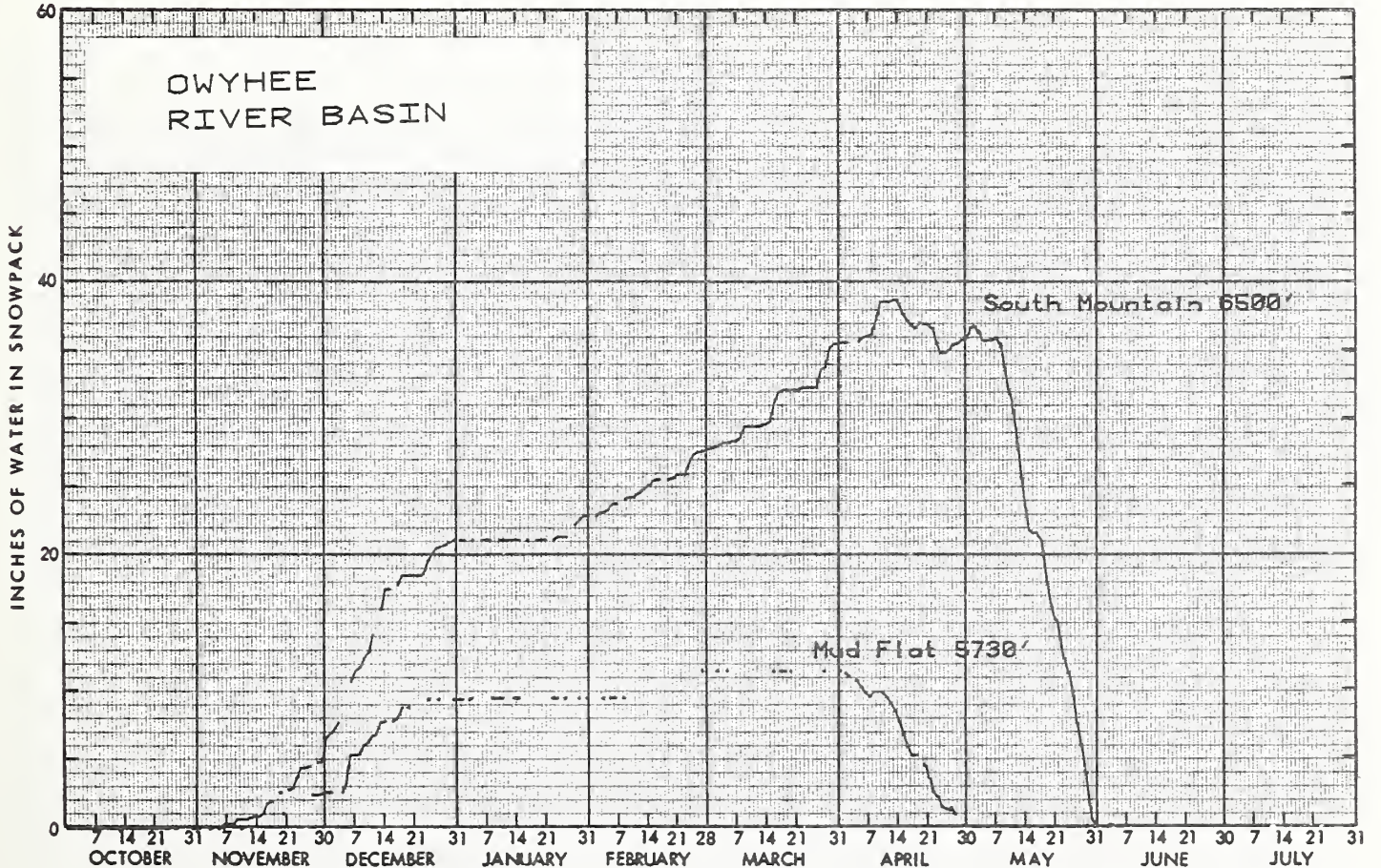
SNOTEL^{1/}

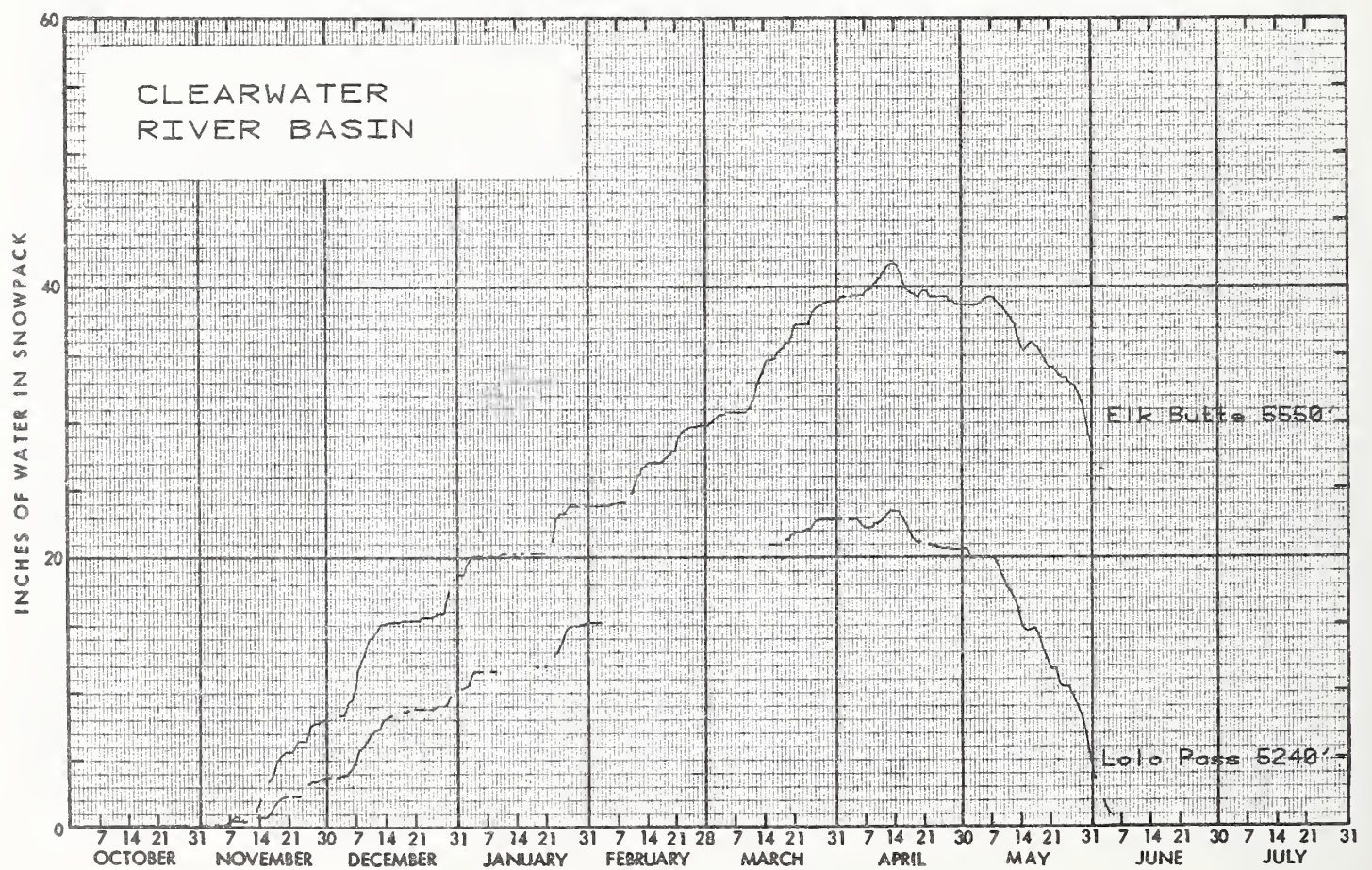
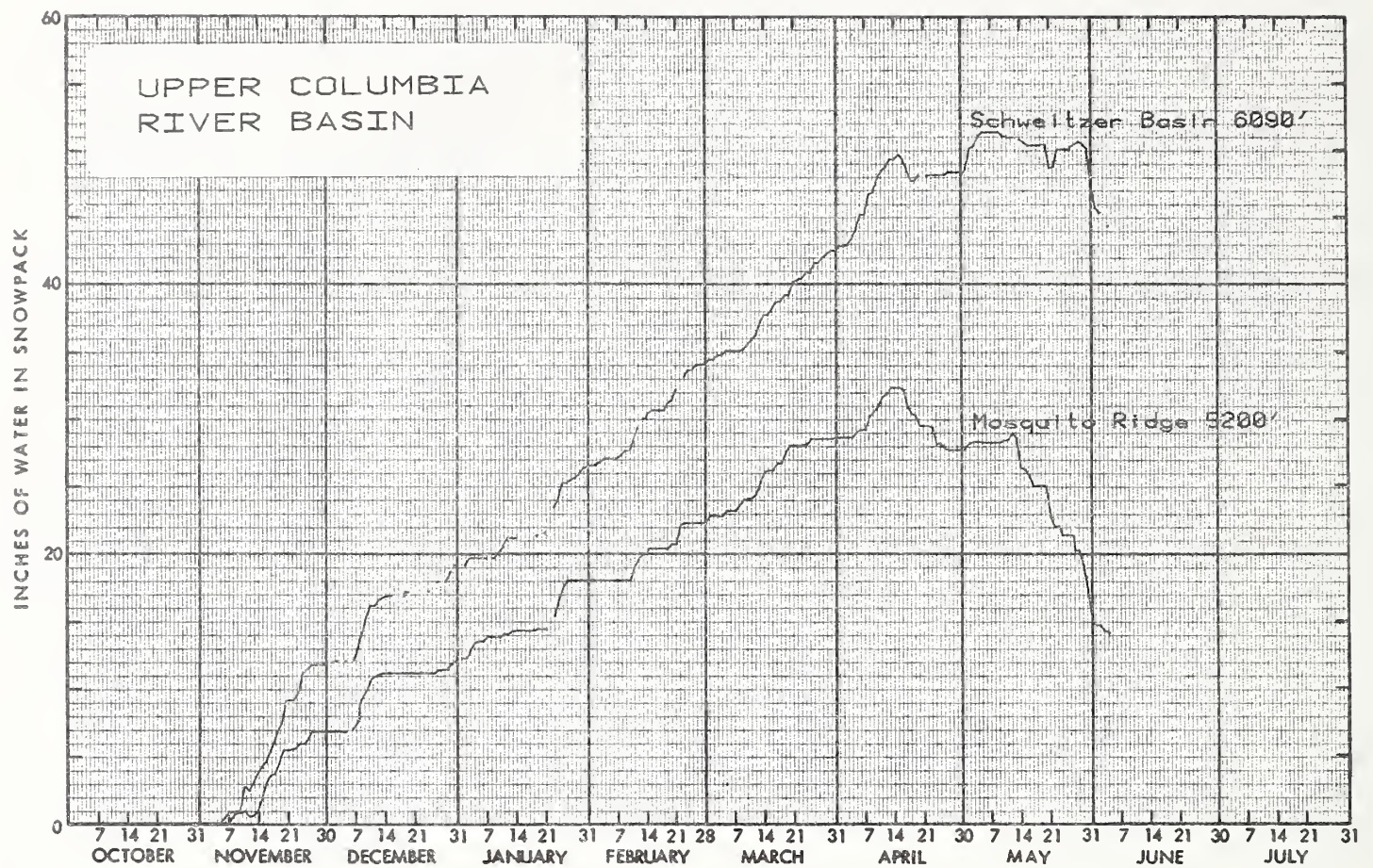
Data Site Name	Drainage	Date	Pillow Snow Water Equivalent (inches)	Precipitation Water Year (Accumulation) (inches)
Bear Saddle	Mann Creek	6/1	5.6	38.7
Bennett Mountain	Canyon Creek	6/1	0.0	33.1
Big Creek Summit	Salmon	6/1	22.8	47.4
Big Sandy Opening	Green	6/1	NA	16.3
Blind Bull Summit	Green	6/1	17.9	27.2
Bostetter Ranger Station	Trapper	6/1	29.0	30.5
Bunchgrass Meadow	Pend Oreille	6/1	20.3	48.9
Cottonwood Lake	Salt	6/1	7.4	37.2
Coulter Creek	Upper Snake	5/31	0.0	32.8
Cozy Cove	Deadwood	6/1	0.0	33.8
Deadwood Summit	Deadwood	6/1	35.7	55.6
Dollarhide Summit	Big Wood	6/1	19.6	34.4
Elk Butte	Clearwater	5/31	27.8	54.5
Elkhart Park Guard Sta.	Green	5/31	1.3	20.1
Emigrant Summit	Bear	6/1	20.6	44.6
Franklin Basin	Cub	6/1	6.7	45.0
Galena	Big Wood	6/1	6.3	28.0
Galena Summit	Big Wood	6/1	NA	30.8
Garfield Ranger Station	Little Wood	6/1	0.0	19.3
Giveout	Montpelier	6/1	0.0	16.8
Goat Creek	Salmon Falls	6/1	21.5	43.6
Graham Guard Station	Boise	6/1	0.0	32.7
Grassy Lake	Upper Snake	6/1	18.5	52.4
Gros Ventre Summit	Upper Snake	6/1	0.0	16.3
Hemlock Butte	Clearwater	5/31	38.0	62.3
Hilts Creek	Little Lost	6/1	0.0	18.5
Howell Canyon	Marsh Creek	6/1	13.3	48.2
Humboldt Gulch	Coeur d'Alene	6/1	0.0	43.3
Hyndman	Big Wood	6/1	0.0	22.2
Indian Creek	Green	6/1	20.3	33.9
Island Park	Henrys Fork	6/1	0.0	28.6
Jackson Peak	Boise	6/1	21.3	45.4
Kelly Ranger Station	Green	6/1	0.0	26.0
Lewis Lake Divide	Upper Snake	6/1	17.9	49.2
Lolo Pass	Lochsa	5/31	2.8	33.3
Lookout	Coeur d'Alene	6/1	NA	44.0
Loomis Park	Green	6/1	0.0	21.7
Lost Lake	Clearwater	6/1	54.5	69.5
Lost-Wood Divide	Big Lost	6/1	3.9	28.9
Magic Mountain	Rock Creek	6/1	11.1	45.3
Meadow Lake	Lemhi	5/31	NA	28.8
Mill Creek Summit	Salmon	6/1	13.5	28.5
Moonshine	Little Lost	6/1	0.0	21.3
Moore Creek Summit	Boise	6/1	19.0	47.0
Moose Creek	North Fork Salmon	6/1	0.7	30.7
Morgan Creek	Salmon	6/1	0.2	26.1
Mosquito Ridge	Coeur d'Alene	6/1	14.6	47.1
Mountain Meadows	Selway	6/1	26.7	48.4
Mud Flat	Owyhee	5/31	0.0	22.2
Oxford Spring	Malad	6/1	0.0	38.6
Phillips Bench	Upper Snake	6/1	13.0	37.2
Pole Creek Ranger Sta.	Salmon Falls	6/1	19.4	24.6
Prairie	Boise	5/31	0.0	25.0
Pullman	Palouse	6/1	NA	NA
Salt River Summit	Salt	6/1	0.0	23.0
Savage Pass	Lochsa	5/31	12.9	37.8
Schweitzer Basin	Pend Oreille	6/1	45.8	48.7
Secesh Summit	Payette	6/1	27.1	53.3
Shanghi Summit	Clearwater	6/1	1.0	49.7
Sheep Mountain	Willow	6/1	0.0	24.4
Sherwin	St. Maries	6/1	0.0	40.1
Slug Creek Divide	Blackfoot	6/1	0.0	30.0
Snider Basin	Green	6/1	0.0	16.8
Somsen Ranch	Willow Creek	6/1	0.0	25.2
South Lind Experiment Sta.	Walla Walla	6/1	8.9	8.9
South Mountain	Jordan-Owyhee	5/31	0.0	33.2
Spring Creek Divide	Green	6/1	11.3	31.2
Squaw Flat	Weiser	6/1	0.0	42.4
Stickney Mill	Big Lost	6/1	0.0	15.4
Sunset	Coeur d'Alene	6/1	NA	NA
Swede Peak	Little Wood	6/1	0.0	24.7
Togwotee Pass	Upper Snake	5/30	12.2	53.6

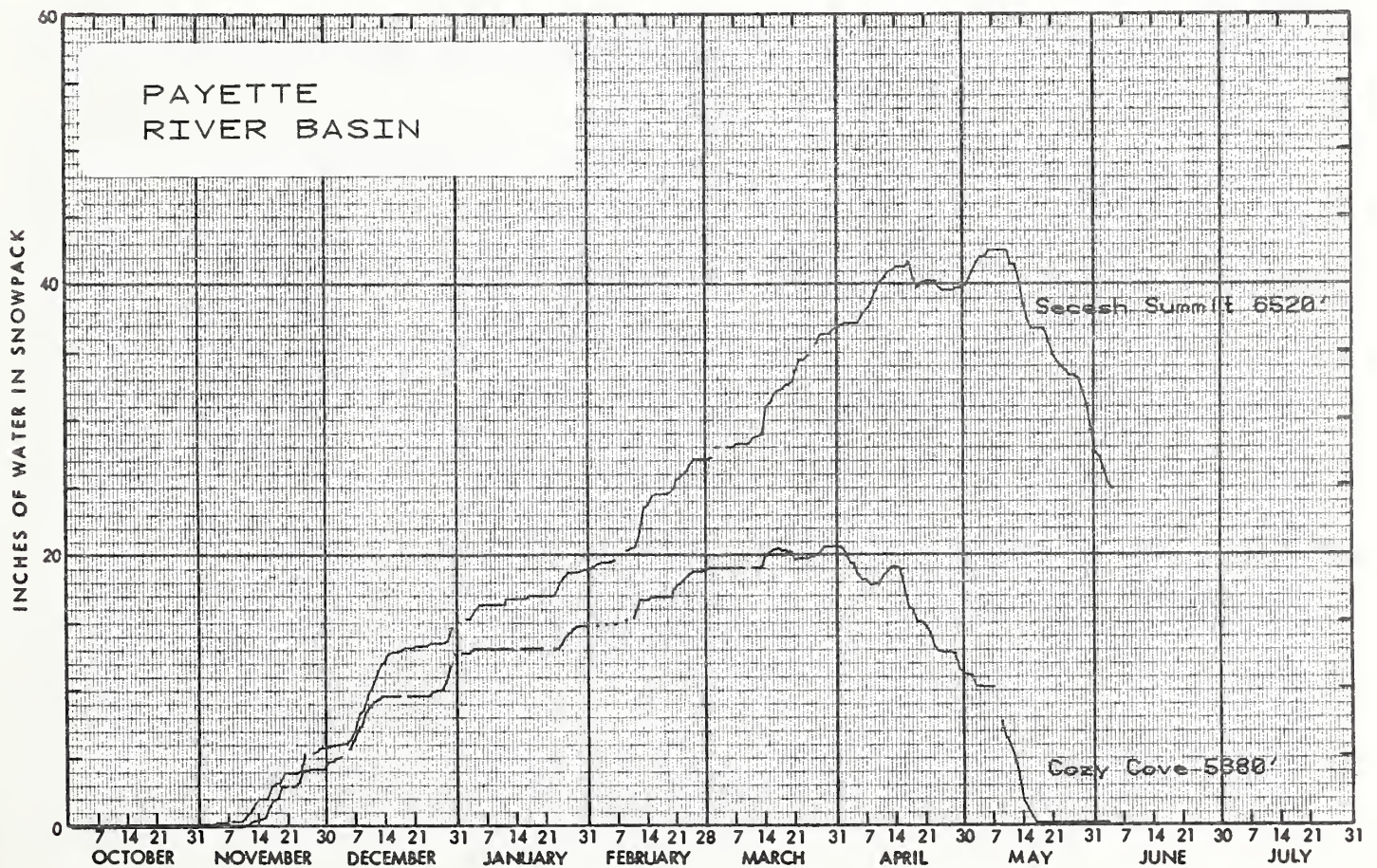
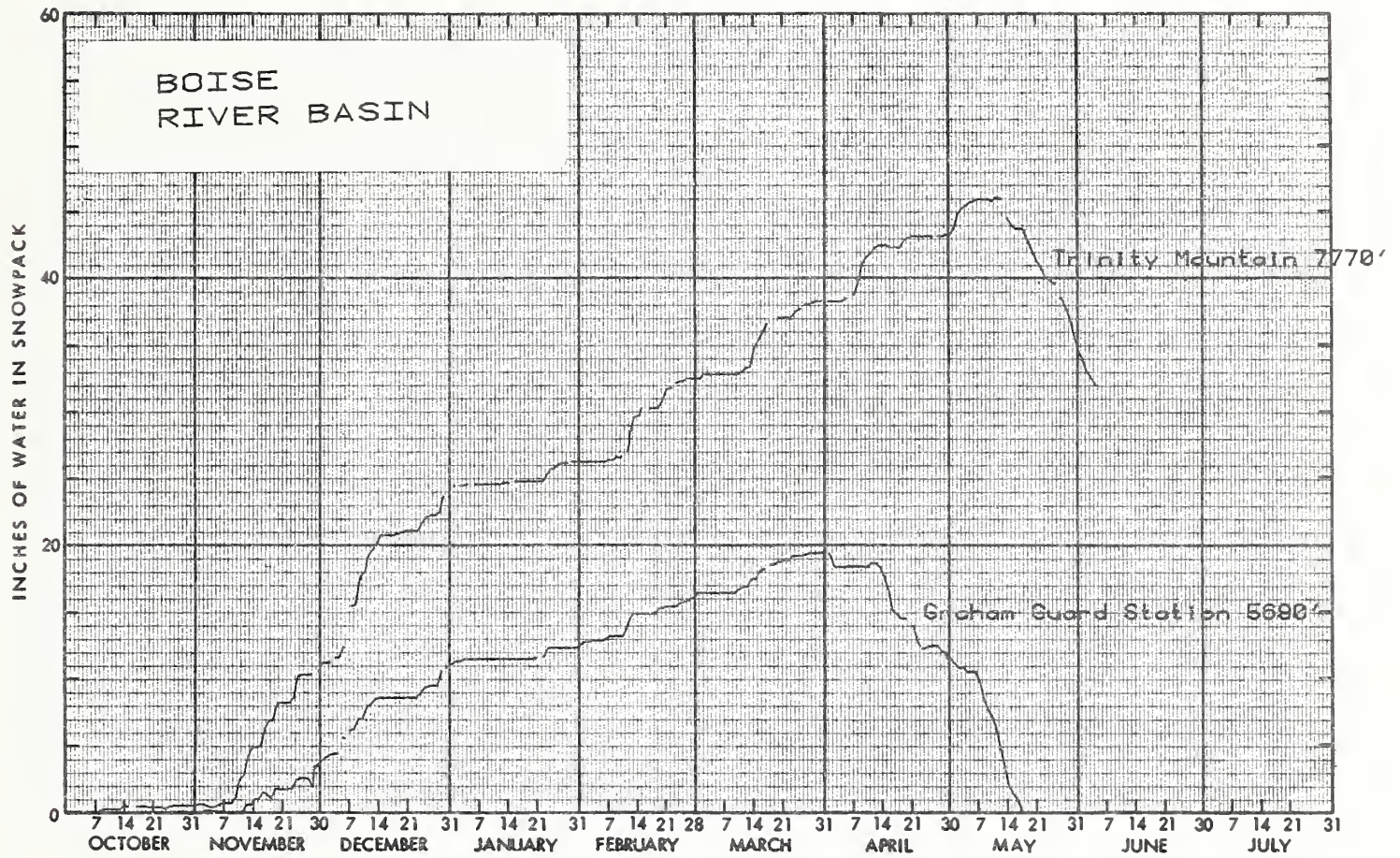
^{1/} Data readings as reported by automated Snotel system
NA Data not available

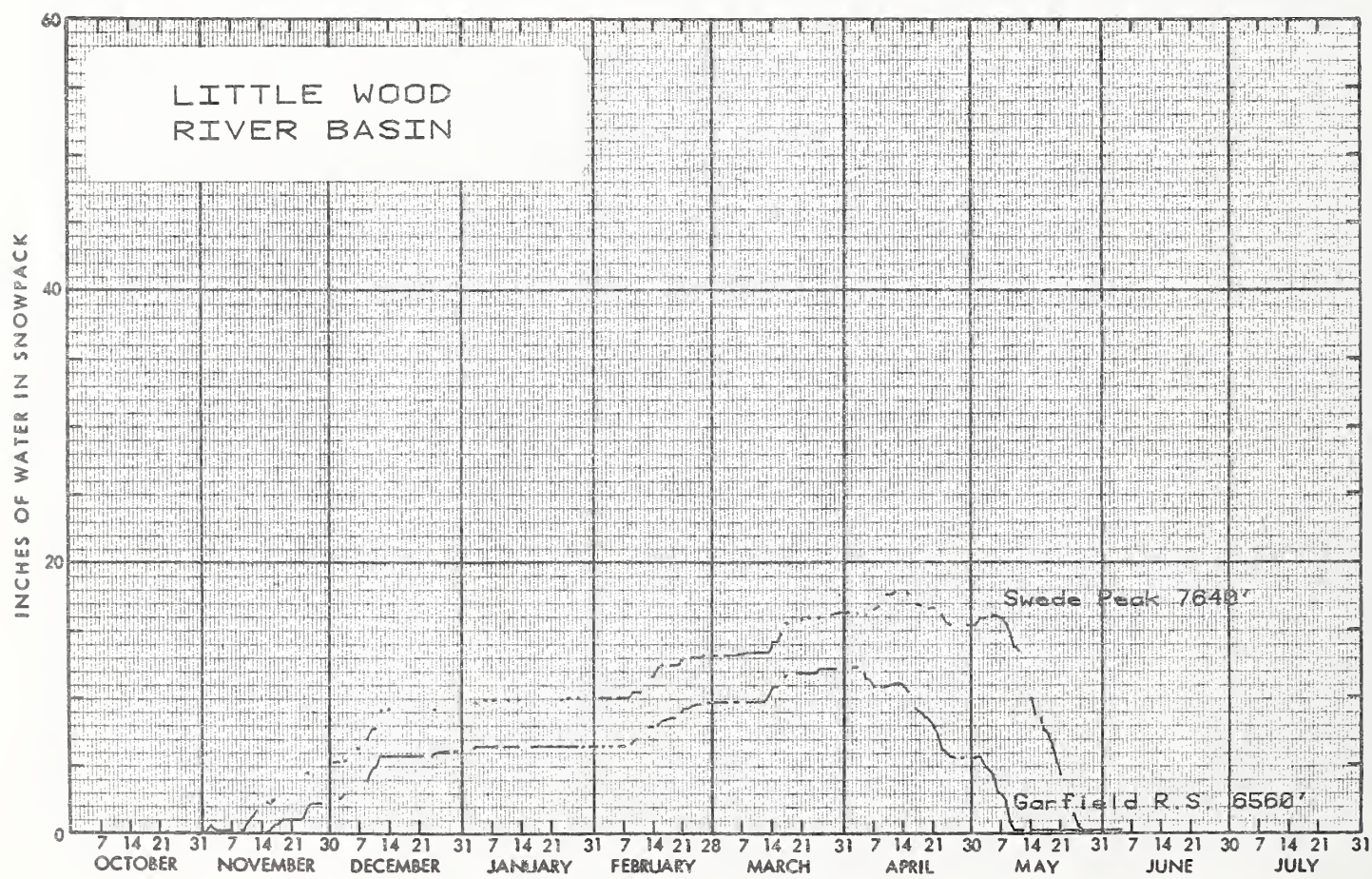
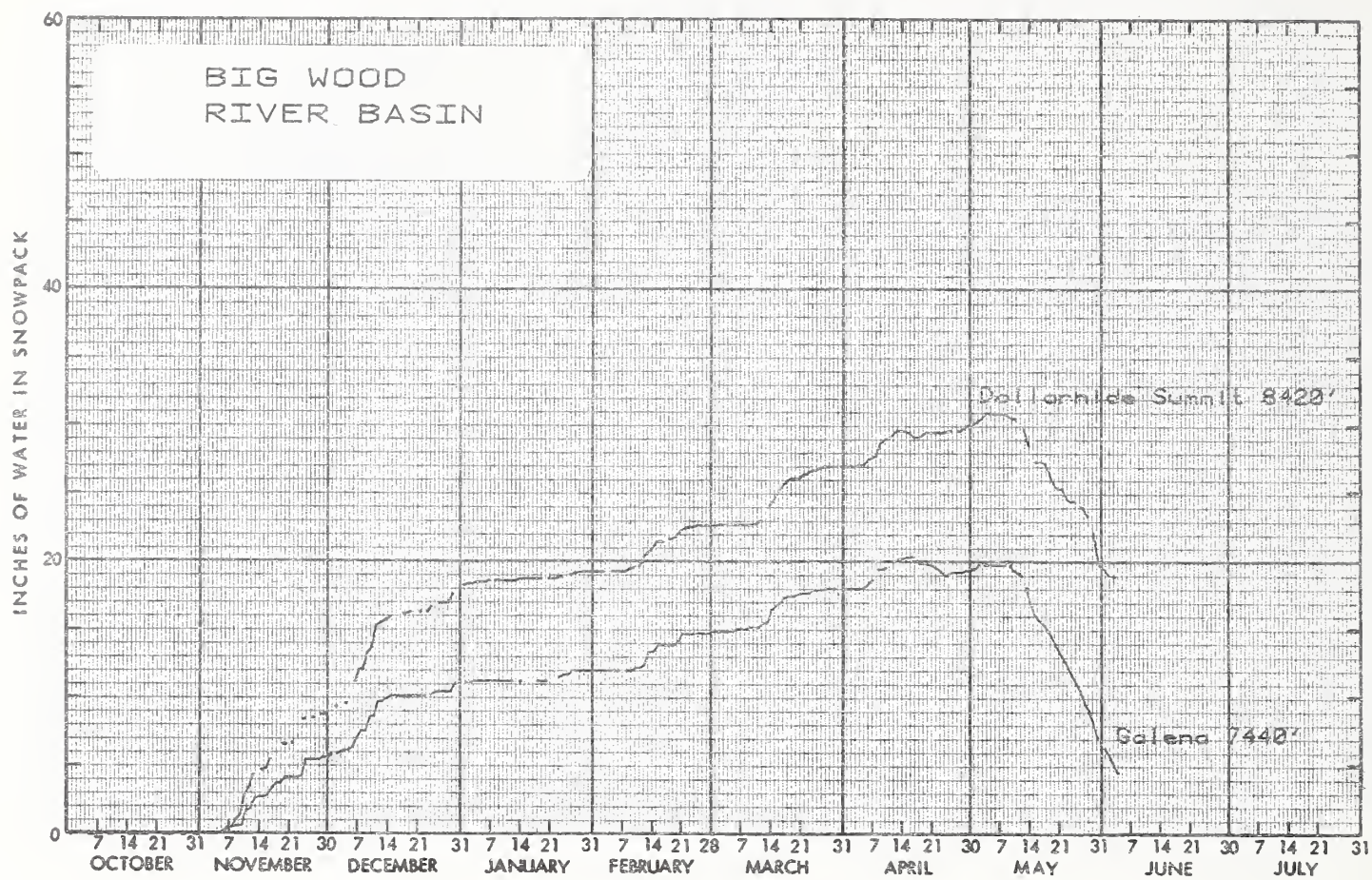
SNOTEL

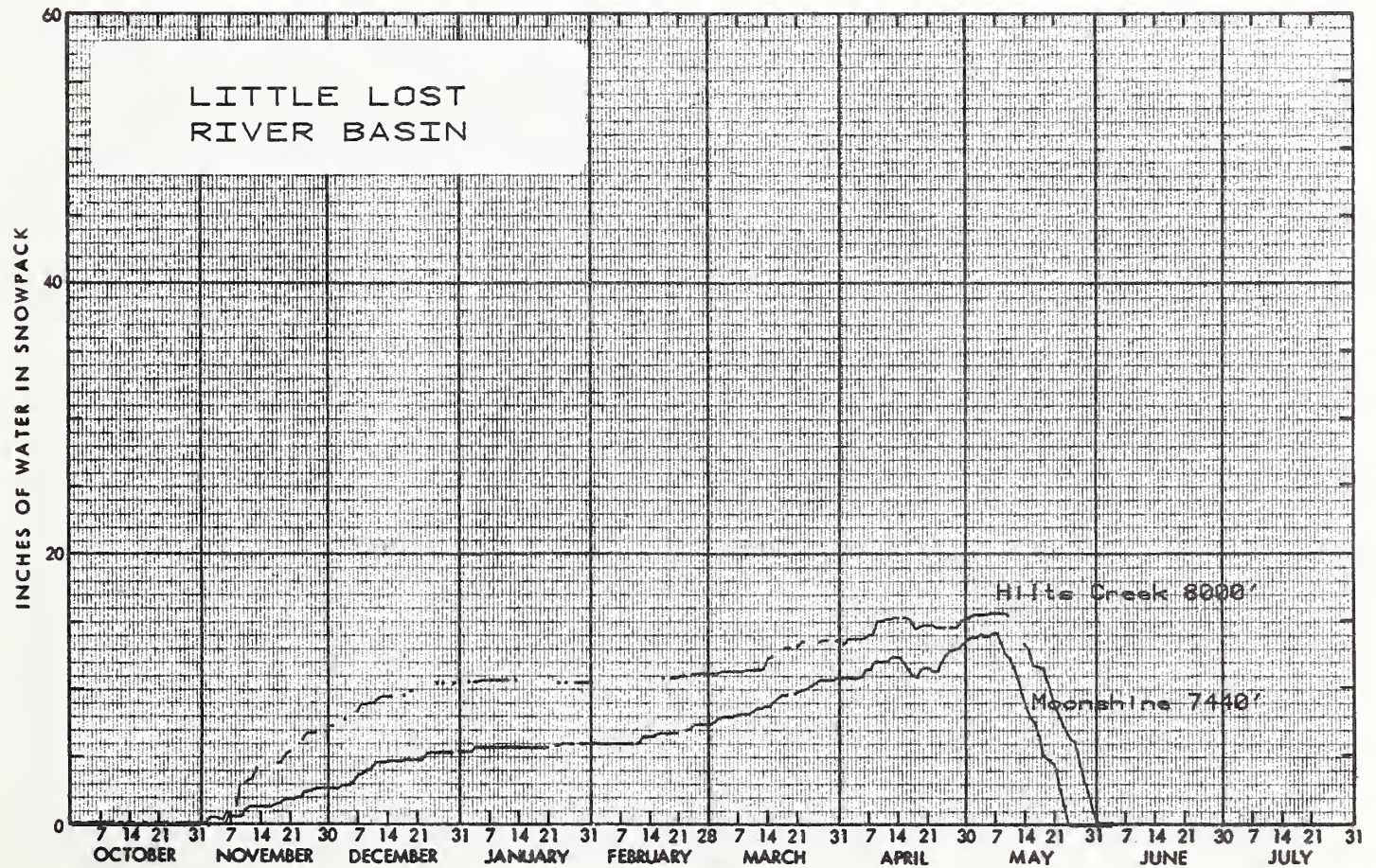
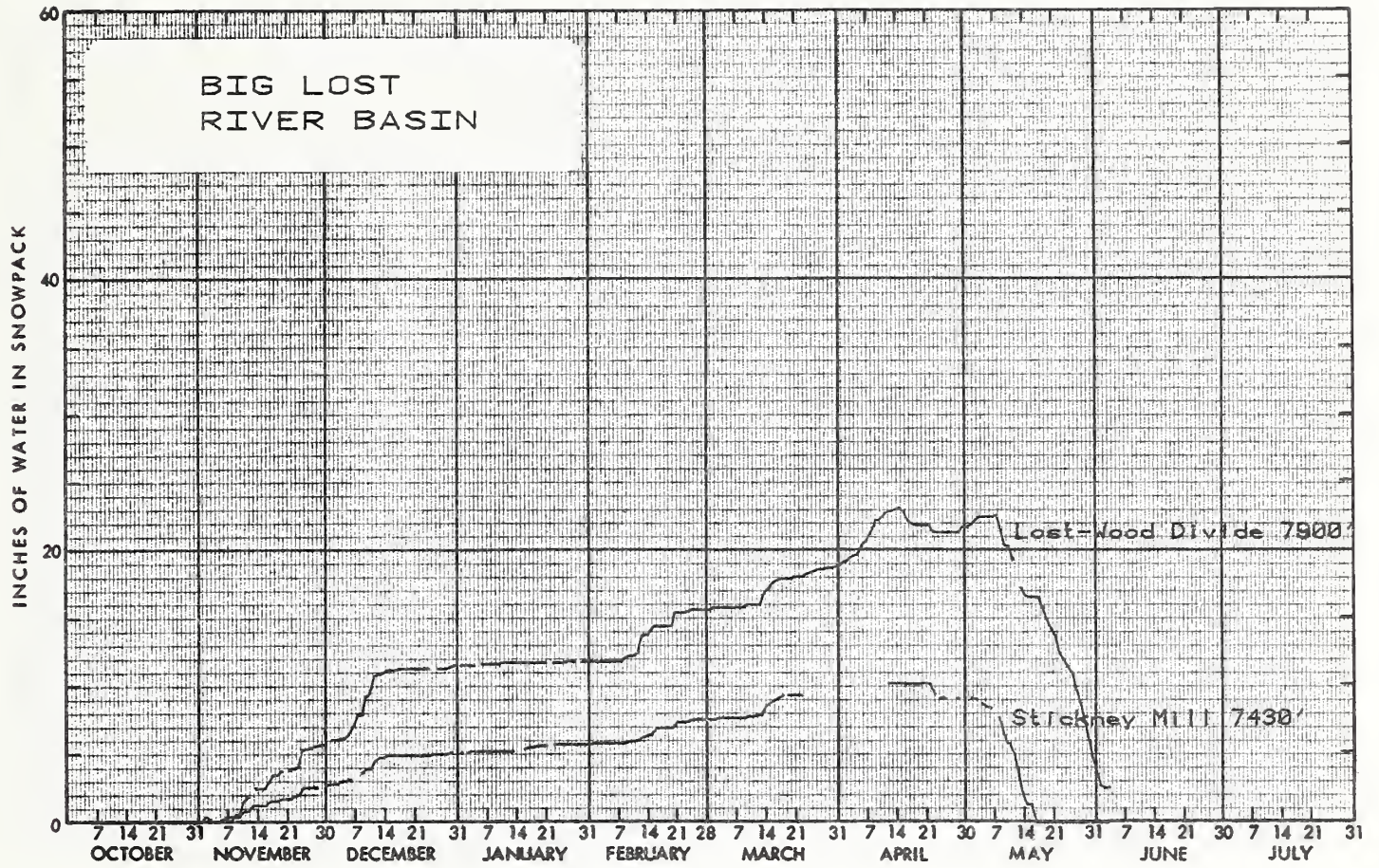
Data Site Name	Drainage	Date	Pillow Snow Water Equivalent (inches)	Precipitation Water Year (Accumulation) (inches)
Touchet #2	Touchet	6/1	9.3	50.2
Trinity Mountain	Boise	6/1	34.0	53.6
Two Ocean Plateau	Upper Snake	6/1	26.1	35.0
Vienna Mine	Salmon	6/1	28.3	38.8
West Branch	Weiser	6/1	0.0	44.1
White Elephant	Henry's Fork	6/1	9.2	42.3
Wildhorse Divide	Portneuf	6/1	NA	41.5
Willow Creek	Greys	6/1	22.8	51.2

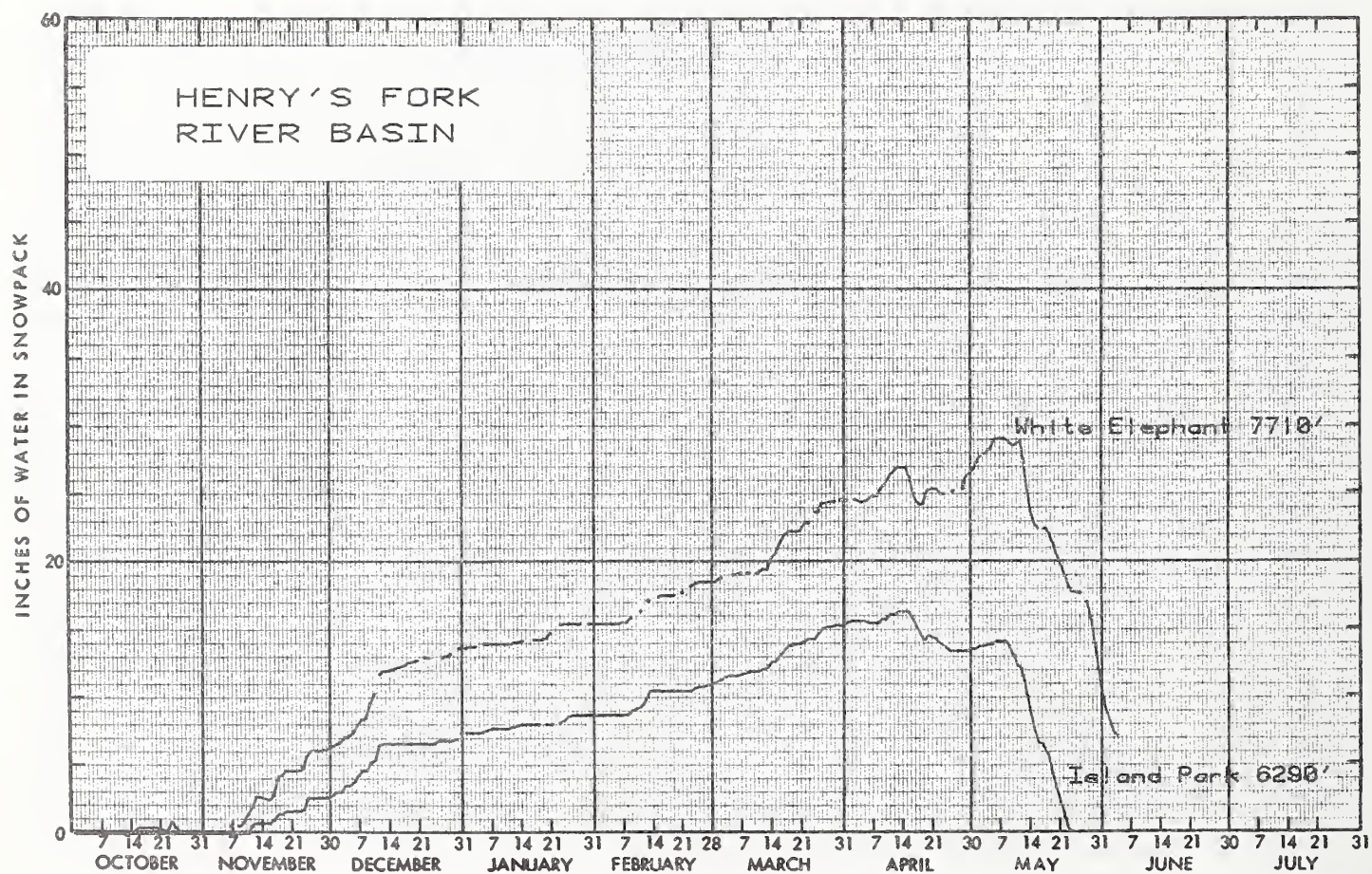
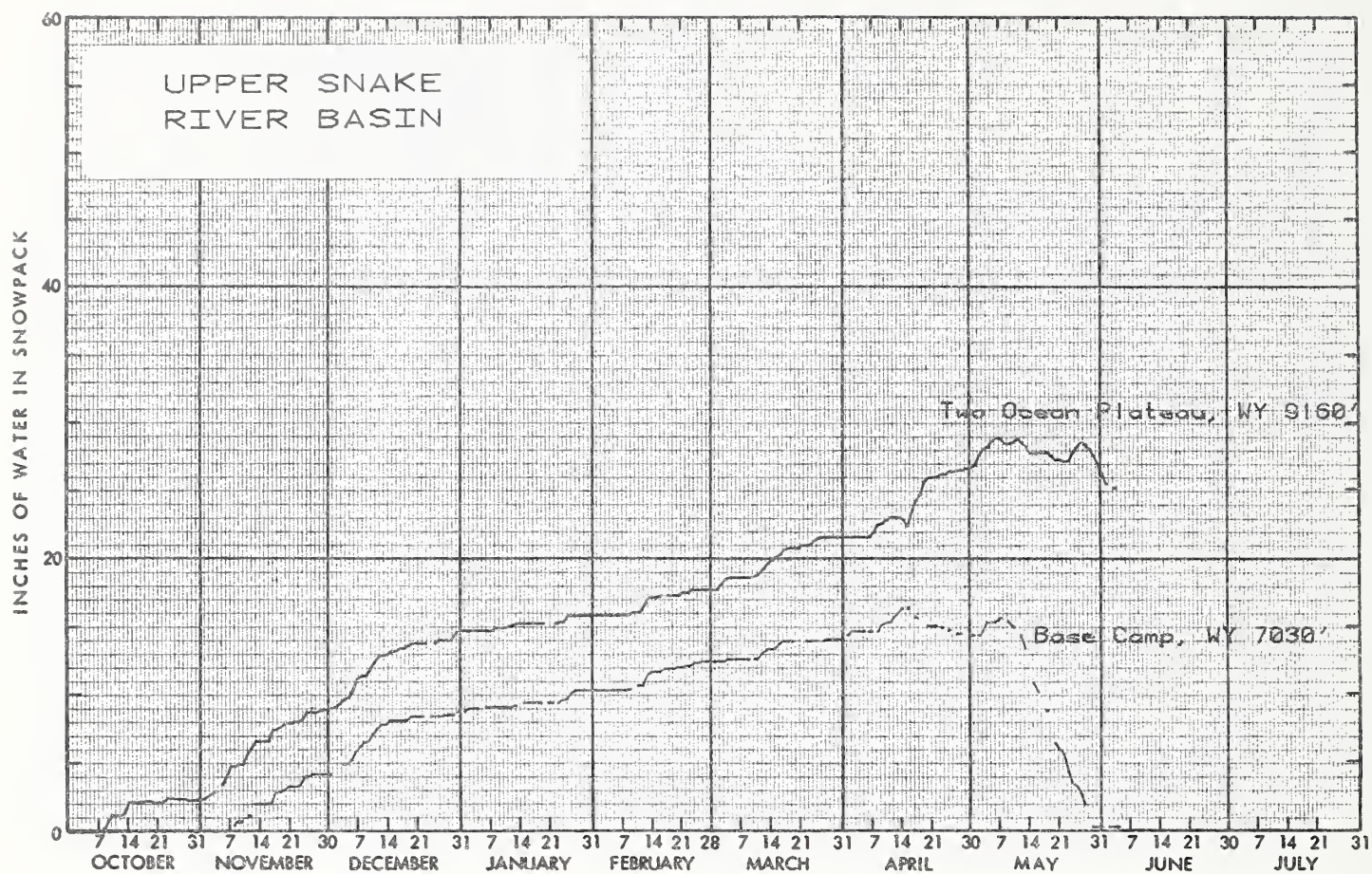


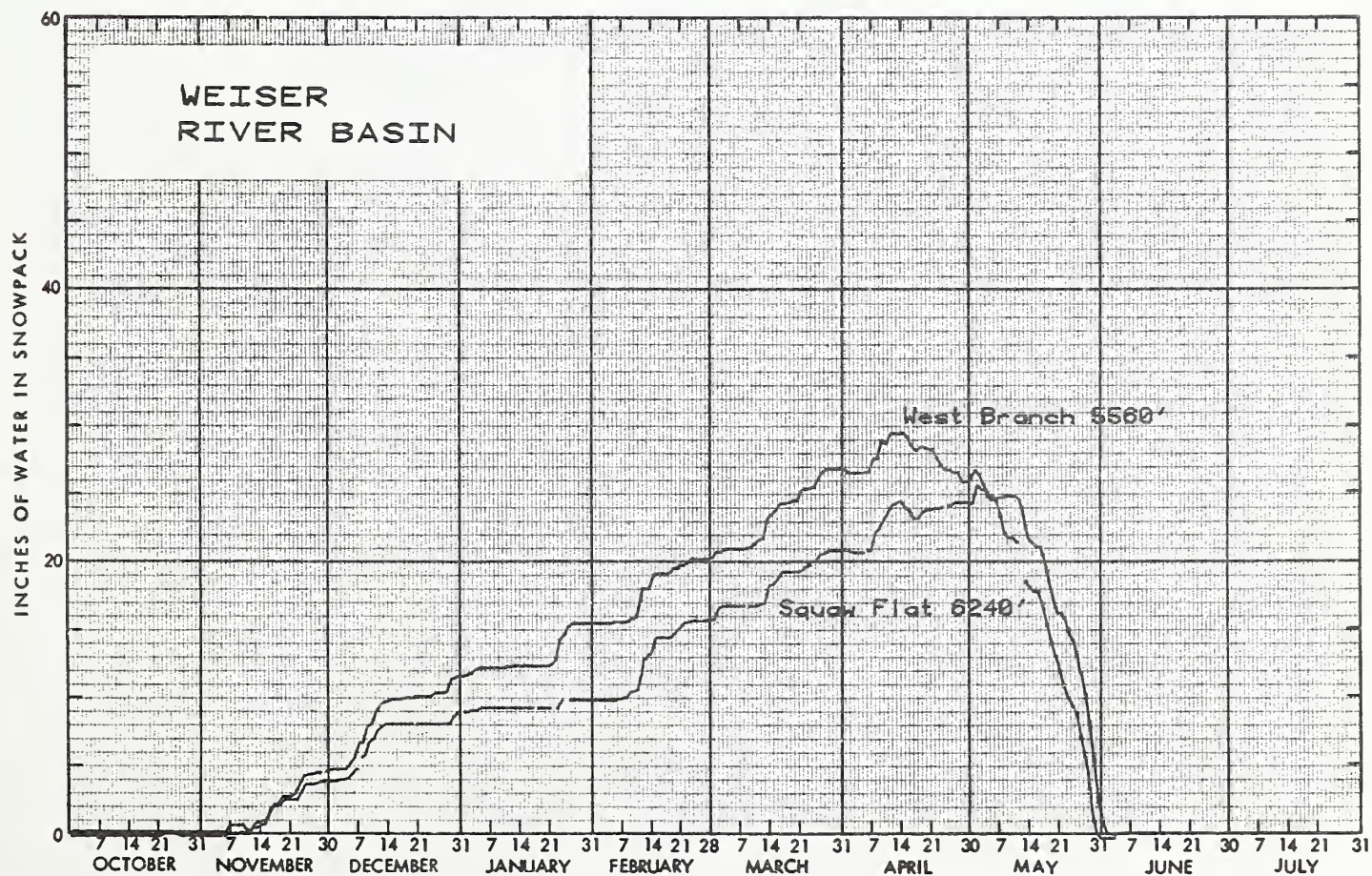
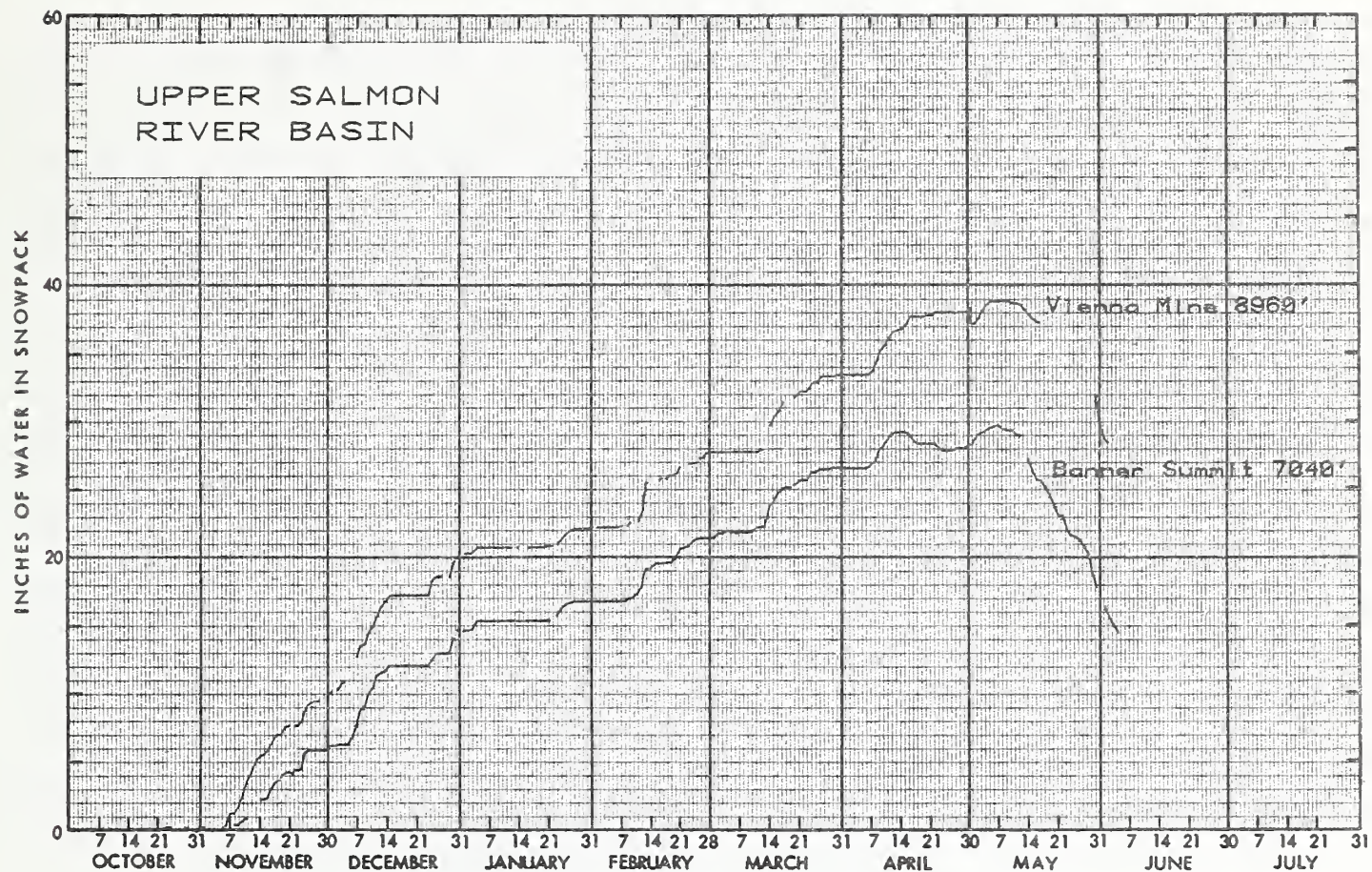


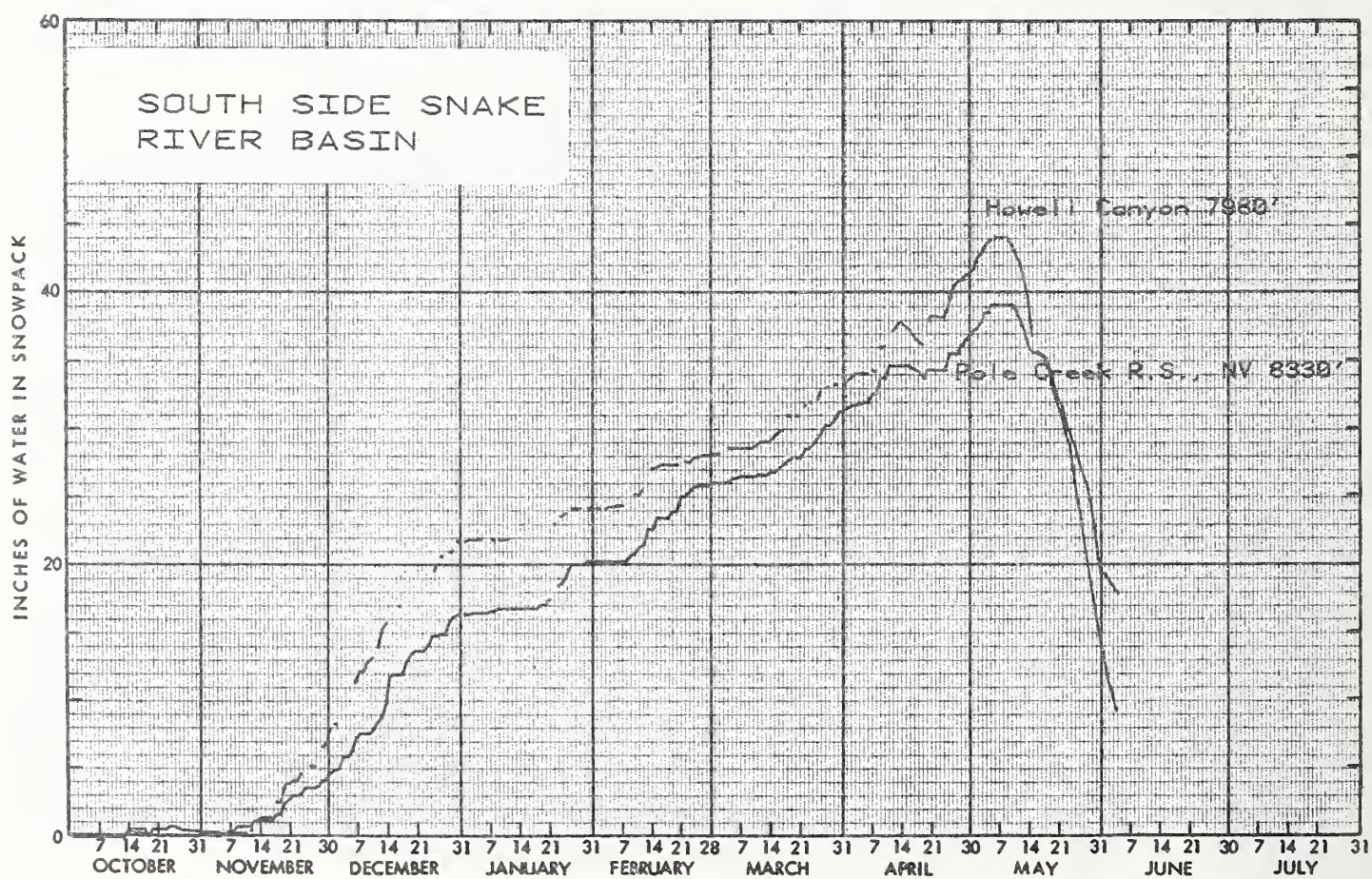
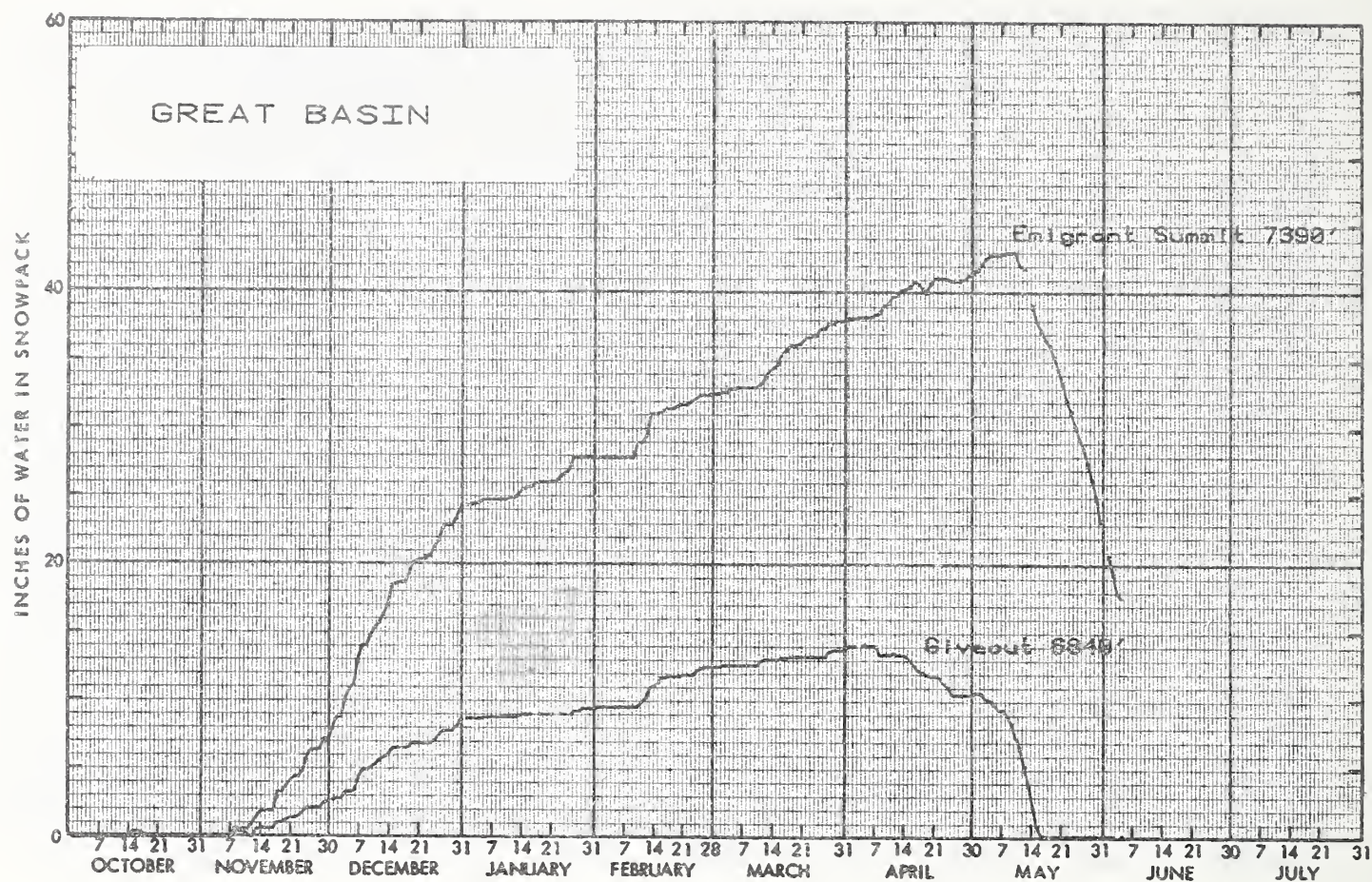












GOVERNMENT AGENCIES

States

Idaho Department of Water Resources
Montana Cooperative Snow Surveys
Nevada Cooperative Snow Surveys
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers

U. S. Department of Agriculture
Forest Service

U. S. Department of Commerce
NOAA, National Weather Service

U. S. Department of Interior
Bureau of Reclamation
Water Resources Division, Geological Survey
Shoshone-Bannock Tribal Council

PUBLIC UTILITIES

Washington Water Power Company
Idaho Power Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Blaine Soil Conservation District
Boise Project Board of Control
Idaho Water District #01
Little Wood River Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control
Valley Soil Conservation District
Portneuf Soil and Water Conservation District
East Cassia Soil and Water Conservation District
West Cassia Soil and Water Conservation District
Camas Soil and Water Conservation District

PRIVATE ORGANIZATIONS

FMC Corporation
Cyprus Mining Company

Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

ROOM 345
304 N. 8TH ST.
BOISE, IDAHO 83702

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

THIRD CLASS-BULK RATE
POSTAGE AND FEES PAID
USDA - SCS
PERMIT NO. G-267

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

*"The Conservation of Water begins
with the Snow Survey"*

USDA NATIONAL AGRICULTURAL LIBRARY
CURRENT SERIAL RECORD
BELTSVILLE MD 20705